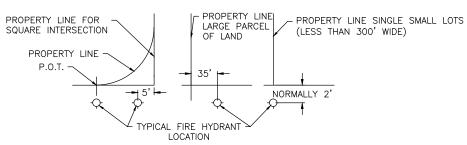
FIRE HYDRANT LOCATION

IN CUT OR FILL

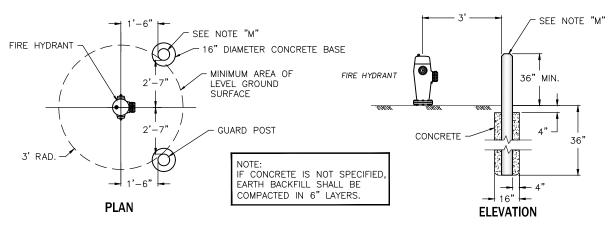
PROVIDE 1/2" RAKE BETWEEN BASE AND TOP OF HYDRANT FIRE HYDRANT, SEE CITY OF WENATCHEE FIRE HYDRANT SPECIFICATIONS - 2 1/2" NST THREAD 4" PACIFIC COAST THREAD WITH STORTZ FITTING 0 TWO-PIECE DUCTILE IRON VALVE BOX, EQUAL TO INLAND FOUNDRY 18" MIN. #2062 TOP, + #2064 BOTTOM. LENGTH TO FIT 6" RS GATE VALVE. FLxMJ HYDRANT EXTENSION IF REQUIRED DUCTILE IRON FITTING, W/6" FLANGE ON SIDE 1/2 CU.YD. MIN. COURSE GRAVEL OR CRUSHED ROCK (3/4" TO 1") FOR DRAIN 6" DUCTILE IRON PIPE, CEMENT LINED, LENGTH TO FIT. ALL JOINTS RESTRAINED ON HYDRANT RUN WITH 12"x12"x4" MINIMUM 2.0' MIN. MEGA LUGS

> NOTE: VALVE TO BE PLACED ON THE MAIN FOR NEW CONSTRUCTION. AVOID PLACING THE VALVE IN CURB & GUTTER FOR RETROFIT PROJECTS.

## **FIRE HYDRANT ASSEMBLY** N.T.S.



## TYPICAL FIRE HYDRANT LOCATION



FIRE HYDRANT GUARD POSTS

FIRE HYDRANTS SHALL BE FOR ORDINARY WATER WORKS SERVICES AS DESCRIBED IN AWWA

- A. EACH HYDRANT SHALL HAVE 5" MVO WITH "O" RING SEALS, A BREAKAWAY FLANGE, A 1 1/4" OPERATING NUT AND NOZZLE CAP NUTS THAT OPEN COUNTER CLOCKWISE. GASKETS AND NOZZLE CAP SHALL BE INCLUDED.
- B. SHUT-OFF TYPE: COMPRESSION OR GATE.
- C. INLET CONNECTION: 6" MECHANICAL JOINT (125#) INLET.
- D. CONNECTION PORTS:

TWO (2)-2 1/2" I.D. HOSE NOZZLE PORTS WITH N.S.T. THREADS. ONE (1)-4" I.D. PUMPER OR STEAMER NOZZLE WITH P.C.T. THREADS AT SIX (6) THREADS PER INCH WITH AN O.D. OF 4.828" AND A THREAD BEVEL OF 60. THIS SHALL ALSO HAVE A STORTZ FITTING AS INDICATED ON THE DETAIL.

STORTZ FITTING-4" STORTZ TYPE ADAPTER WITH CAP AND CHAIN AND PYROLITE RIGID FEMALE CONNECTOR WITH SET SCREW. THE THREAD CUT ON THE FITTING SHALL MATCH EXISTING

THE STORTS FITTING SHALL NOT EXTEND PAST THE BACK OF THE SIDEWALK AND SHALL BE ORIENTED TO FACE THE WATER MAIN, OR AS DIRECTED BY THE CITY ENGINEER.

- E. DEPTH OF BURY SHALL BE 4 1/2" OR 5 1/2" DEPENDING ON THE CONDITIONS.
- F. ALL NOZZLES SHALL CONFORM TO CURRENT CITY OF WENATCHEE HYDRANTS.
- G. HYDRANT SHALL BE PAINTED YELLOW IN ACCORDANCE WITH AWWA C-502-54, SECTION 6.
- H. APPROVED MANUFACTURERS: MUELLER, M & H, CLOW F2500, OR KENNEDY GUARDIAN K-81. ONLY THESE BRANDS WILL BE ACCEPTED.
- I. ALL HYDRANTS SHALL BE EQUIPPED WITH TRAFFIC BREAKING FLANGES.
- J. ALL INSTALLATIONS WILL HAVE A RESILIENT SEAT AUXILIARY VALVE.
- K. ALL HYDRANTS SHALL HAVE MEGALUG RESTRAINED JOINTS.
- L. THE MINIMUM DISTANCE FROM THE BOTTOM OF THE LOWEST PORT TO FINISHED GRADE SHALL BE 18". THE DISTANCE FROM FINISHED GRADE TO THE BREAKING FLANGE SHALL BE A MINIMUM OF 2" AND A MAXIMUM OF 4".
- M. HYDRANT GUARD POST SHALL BE 8" DIAMETER x 6' LONG PRECAST CONCRETE POST EQUAL TO FOG-TITE METER SEAL CO,. PAINT WITH TWO COATS OSHA SAFETY YELLOW ENAMEL.

## **DETAILS** DETAIL AND HYDRAN **STANDARD SPECIFICATIONS** FIRE



REVISIONS	INITIAL	SPA							
	DATE	72/10							
DATE DRAWN	3/23/2015	CHECKED	DMN	DATE APPROVED		CATIONS			
AS SHOWN	N.A.	DRAWN	RDH	λi		STANDARD SPECIFICATIONS	VATER MAINS	NTS	
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